

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Tasuku Honjo et al.

Art Unit : 1645

Serial No.: 09/966,880

Examiner:

Filed

: September 28, 2001

Title

: NOVEL CYTIDINE DEAMINASE

Attention: Official Draftsman

Commissioner for Patents Washington, D.C. 20231

TRANSMITTAL OF FORMAL DRAWINGS

Please substitute the enclosed seventeen (17) sheets of formal drawings for the corresponding drawings presently in the application.

Please apply any charges or credits to Deposit Account No. 06-1050, referencing Attorney Docket No. 06501-088001.

Respectfully submitted,

Date: May 31,2002

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CERTIFICATE OF MAILING BY FIRST CLASS MAIL

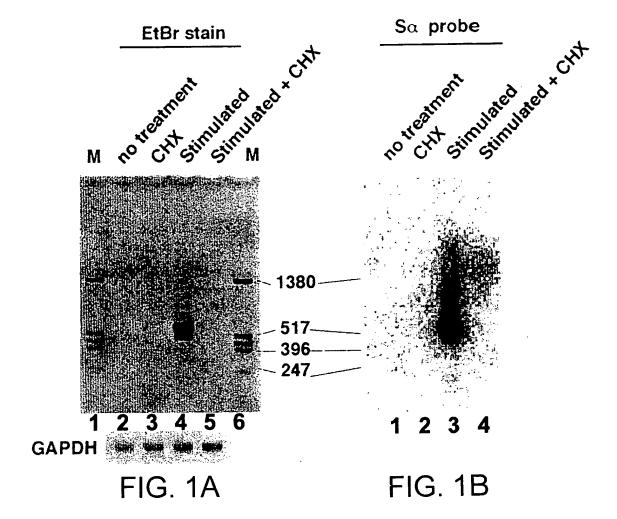
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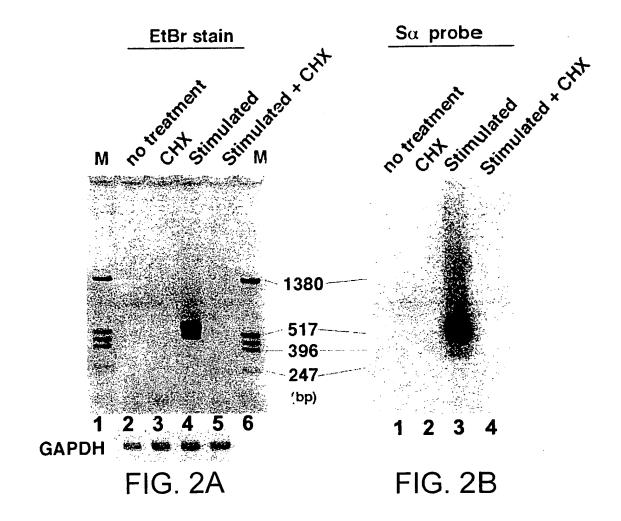
Date of Deposit

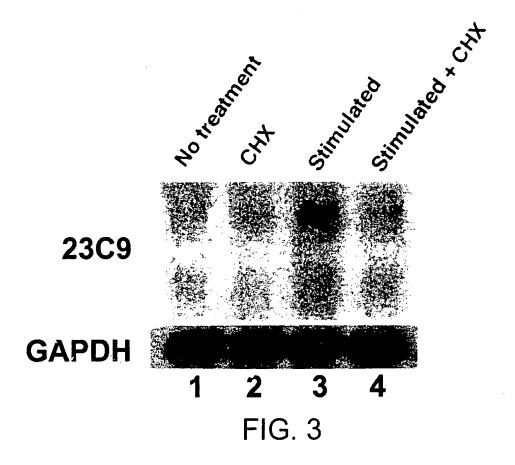
Signature

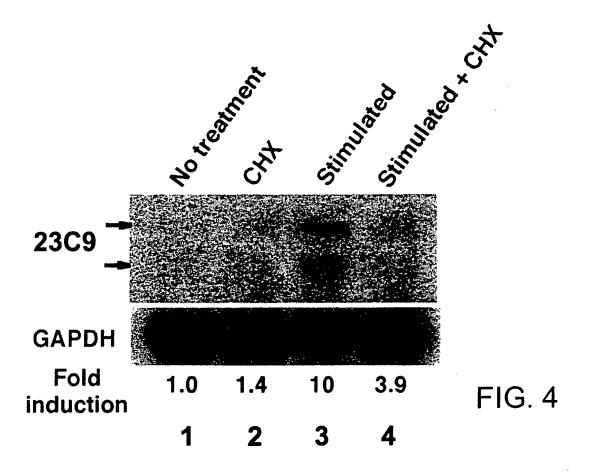
Darlene J. Morin

Typed or Printed Name of Person Signing Certificate









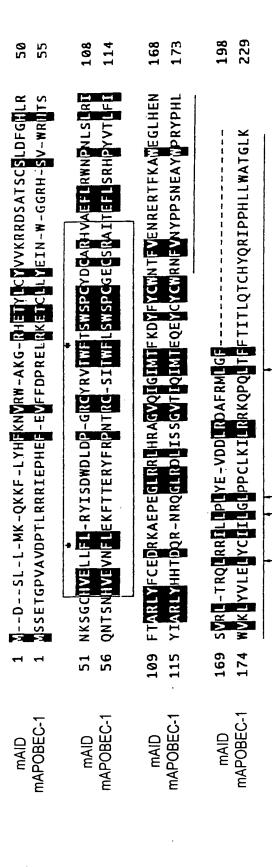
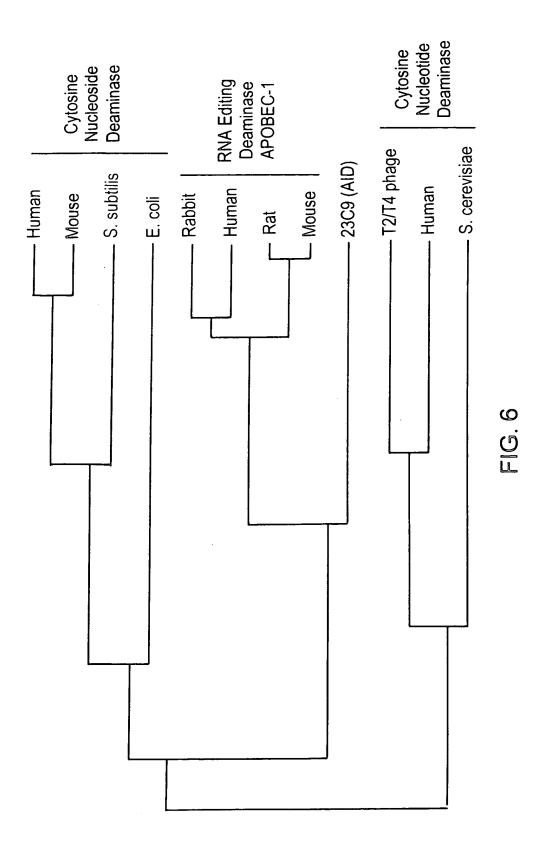
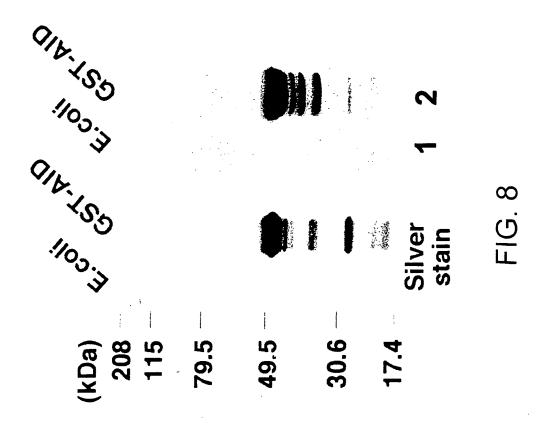
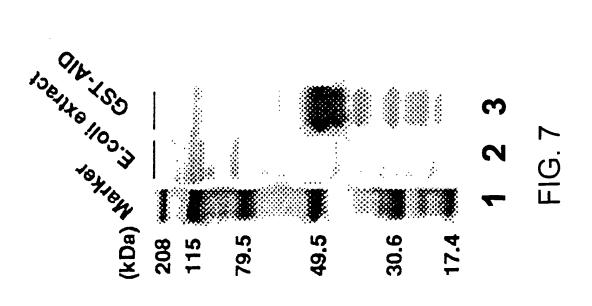
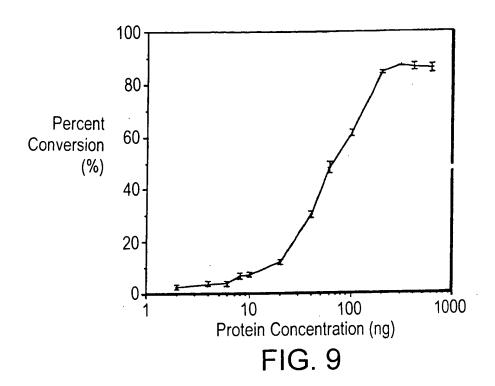


FIG. E









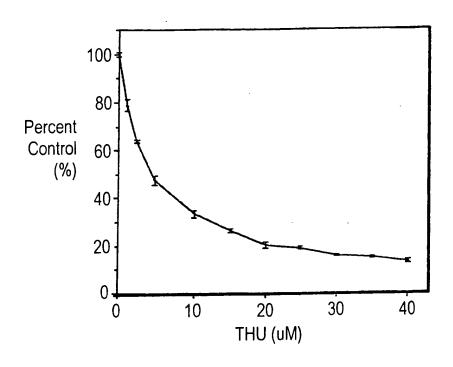


FIG. 10

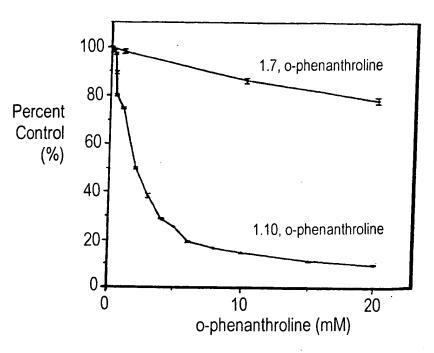


FIG. 11

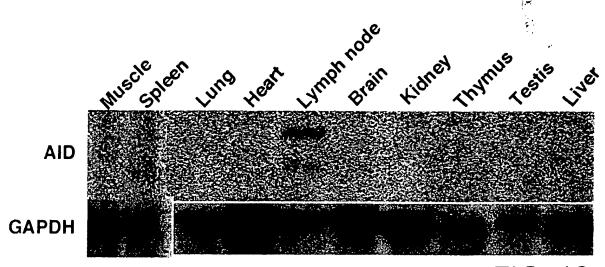
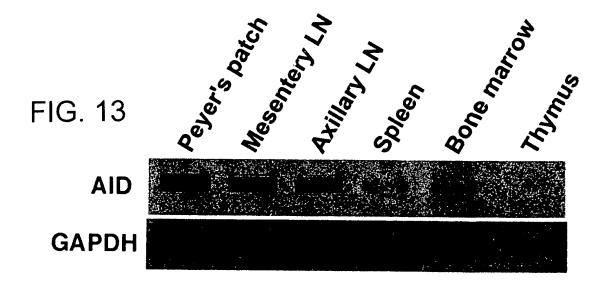


FIG. 12



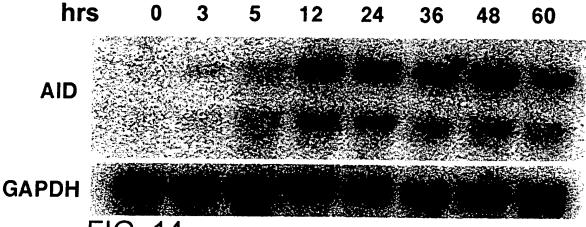
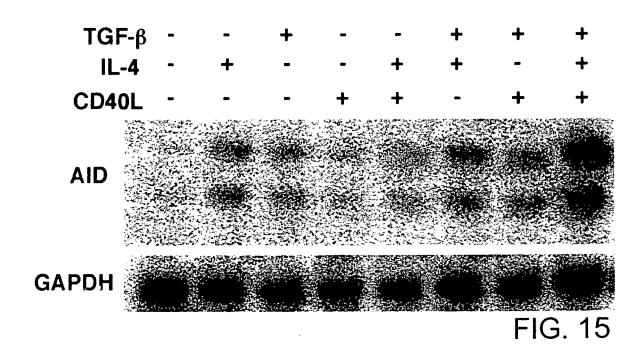
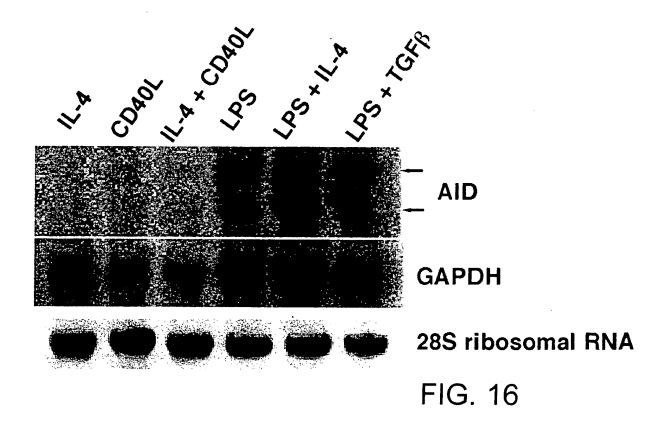


FIG. 14





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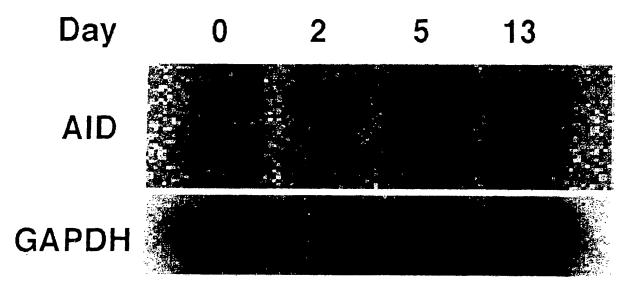
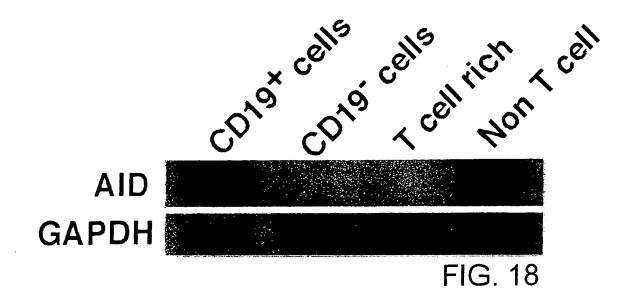
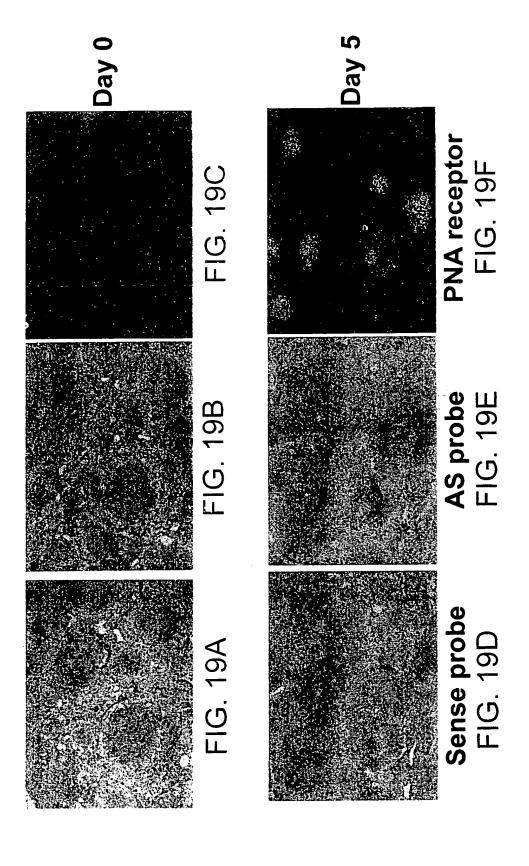
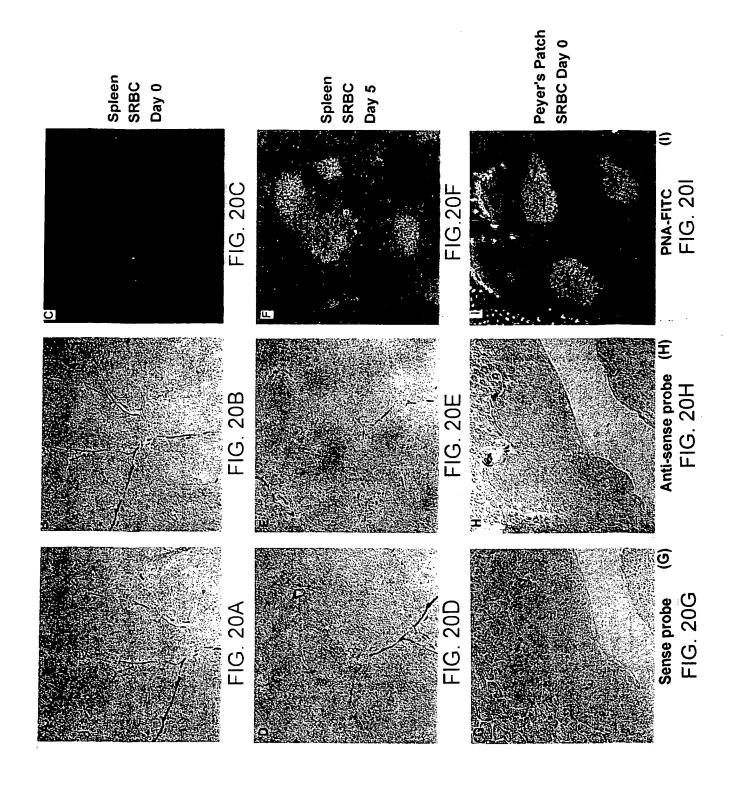
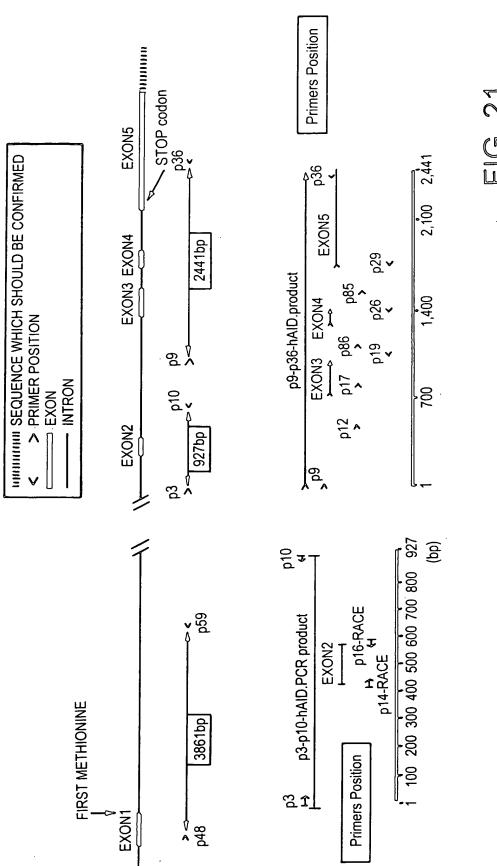


FIG. 17

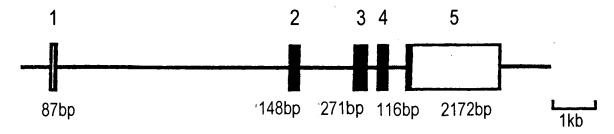








FG. 21



Exons	5' Splice Donor	3' Splice Acceptor	Exons
1	GACAGgt	agCCTCT	2
2	ATAAGgt	agAACGG	3
3	CAAAGgt	agATTAT	4
4	TTTTGgt	agCCCCT	5

FIG. 23

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> AID G3PDH

lisnoT Fetal liver Bone Marrow **Fenkocyte** snwlyT Lymph Mode Spleen Skeltal Muscle Placenta Pancreas Dun Liver Kidney Неан Brain

FIG. 24

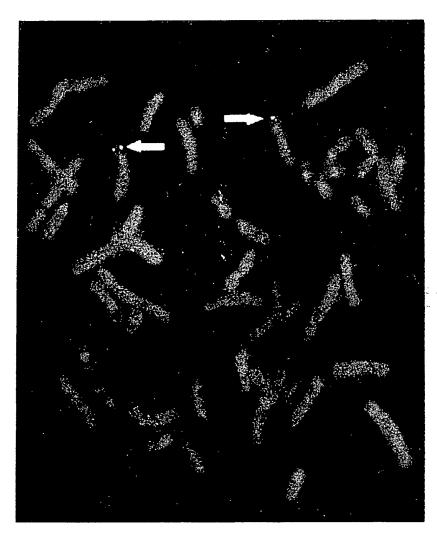


FIG. 25